

**SAS Superstructure**

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 22-Nov-14

Time 3:53 AM

Daily Diary Report by Bid Item

Contract No.: 04-0120F4

Diary #: 388 Const Calendar Day: 106 Date: 18-Sep-2012 Tuesday

Inspector Name: Wright, Doug Title: Transportation Engineer

Inspection Type: Continuous

Shift Hours: 08:15 AM 07:15 PM Break: 00:30 Over Time: 02:00

Federal ID:

Location:

Reviewer: Schmitt, Alex

Approved Date:

Status: Submit

**04-0120F4
04-SF-80-13.2/13.9
Self-Anchored
Suspension Bridge****Weather**

Temperature 7 AM 12 PM 4PM

Precipitation Condition

Working Day ☒ If no, explain:**Diary:**

Dispute

Phase 1 Load Transfer

Overview of Cable work today:

The following work was ongoing today on the Cable:

- Phase-1 load transfer (LT) step 3f-Adj was completed
- The swing-out bracket at PP106 was removed
- Installation of the suspender jacking brackets at PPs 106 & 110 was started
- Re-tensioning of cable band (CB) bolts was ongoing

Today I was inspecting the LT suspender jacking operation on the South cable. Also, I inspected the installation of PPs 106 & 110 suspender jacking brackets & helped with extensometer measurements. See the diaries of Laraine Woo & Sami Daouk for additional details for the South cable suspender jacking as they were also inspecting this work. See the diary of others for information on the North cable suspender jacking, cable band bolt tensioning, & other misc work.

- I arrived at the pier 7 office at 08:15. I was asked to stagger my shift to a later start time to cover longer shifts by the contractor.
- From 08:15 until 09:00, I did misc office work at pier 7 (reviewed Cable related RFIs, checked email, updated vehicle mileage log, etc).
- At 09:15, I arrived on the bridge. At this time, jacking on the LT step 3f-Adj suspenders on the South cable was ongoing.
- From 09:15 until 10:30, I helped with inspection of the suspender jacking, mostly taking remaining jacking length (RJL) measurements while others watched the jack pressures. After this time, LT suspender jacking was on hold until they removed the swing-out brackets & installed the suspender jacking brackets at PPs 106 & 110.
- From 10:30 until 11:30, I did some measuring of the distances from the sockets to the bottom flanges on the South side-span. This was to check to see if this measurement (minus the shim pack height for that PP) was close to the RJL measurements at those PPs. The distance from the socket to the bottom flange (minus the shim pack heights) was about 20mm more than the last measured RJL at each PP.
- From 11:30 until 12:00, I ate lunch.
- From 12:00 until 12:45, I attended a Cable group safety meeting in the field connex. The topic was acceptable & unacceptable tie-off points.
- From 12:45 until 14:45, I helped Alex Schmitt & John Lyons take some extensometer measurements on CB bolts. We measured the following CBs: 36N, 34S, 58S, 72S, & 74S.
- From 14:45 until the end of the shift, I inspected the installation of the suspender jacking brackets at PPs 106 & 110. At the end of the shift, the brackets were about 50% installed.
- At 18:45, I left the bridge.
- From 19:00 until 19:15, I wrote my diary for the day & checked email.



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Inspector Name Wright, Doug

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